Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	213	347/130.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/16 09:48
L3	499	347/129.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/16 09:48
L4	200	347/233.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/16 09:48
L5	252	347/234.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/16 09:48
L6	437	347/238.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/16 09:48
L7	166	347/132.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/16 09:49
L8	371	347/237.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/16 09:49
L9	342	347/247.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/16 09:49
L10	2095	(L2 or L3 or L4 or L5 or L6 or L7 or L8 or L9)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/16 10:52
L11	289	L10 and (delay$2 same (time or timing) same signal)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/16 09:40
L12	30	(US-20030117478-$ or US-20040008247-$ or US-20040090515-$).did. or (US-4318597-$ or US-4435064-$ or US-4524372-$ or US-4571602-$ or US-4575739-$ or US-4589745-$ or US-4707716-$ or US-4888603-$ or US-4900283-$ or US-4916530-$ or US-5235348-$ or US-5237347-$ or US-5258629-$ or US-5260718-$ or US-5274394-$ or US-5453777-$ or US-5684620-$ or US-5914744-$ or US-6002420-$ or US-6215511-$ or US-6246429-$ or US-6466245-$ or US-6525752-$ or US-6559879-$ or US-6563526-$ or US-6757075-$).did. or (JP-2004082583-$).did.	US-PGPUB; USPAT; JPO	OR	ON	2005/09/16 09:43

L13	15	12 and timing	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/16 09:47
L14	101	.347/130.ccls.	EPO; JPO; DERWENT	OR	ON	2005/09/16 10:02
L15	182	347/247.ccls.	EPO; JPO; DERWENT	OR	ON	2005/09/16 09:49
L16	173	347/129.ccls.	EPO; JPO; DERWENT	OR	ON	2005/09/16 09:49
L17	26	347/233.ccls.	EPO; JPO; DERWENT	OR	ON	2005/09/16 09:49
L18	9	347/234.ccls.	EPO; JPO; DERWENT	OR	ON	2005/09/16 09:49
L19	203	347/238.ccls.	EPO; JPO; DERWENT	OR	ON	2005/09/16 09:49
L20	74	347/132.ccls.	EPO; JPO; DERWENT	OR	ON	2005/09/16 09:49
L21	309	347/237.ccls.	EPO; JPO; DERWENT	OR	ON	2005/09/16 09:49
L27	8	(L2 or L6 or L7 or L8) and (((lee or led or (light adj emit$4)) same timing same (drive or driving) same (chip or circuit))".clm")	US-PGPUB	OR	ON	2005/09/16 10:55
S1	1	US-20040090515-A1.did.	US-PGPUB; USPAT	OR	ON	2004/06/25 14:53
S2	190	347/130.ccls.	US-PGPUB; USPAT	OR	ON	2004/06/25 16:18
S3	11	("4524372" | "4774634" | "4821051" | "4866108" | "5177500" | "5261156" | "5617131" | "5670826" | "5780162" | "6108210" | "6281450").PN.	USPAT	OR	ON	2004/06/25 14:57
S4	4	("4435064" | "5260718" | "5655189" | "5751327").PN.	USPAT	OR	ON	2004/06/25 14:59
S5	69	"4435064".URPN.	USPAT	OR	ON	2004/06/25 15:01
S6	9	("3824604" | "3836917" | "4090206" | "4096486" | "4107687" | "4279483" | "4297022" | "4318597" | "4364064").PN.	USPAT	OR	ON	2004/06/25 15:02
S7	0	"6466245".URPN.	USPAT	OR	ON	2004/06/25 15:07
S8	6	("5023442" | "5329403" | "5444520" | "5886728" | "5896162" | "6025863").PN.	USPAT	OR	ON	2004/06/25 15:08
S9	309	347/238.ccls. not 347/130.ccls.	US-PGPUB; USPAT	OR	ON	2004/06/25 18:30

S11	17	Matsushiro-Nobuhito.in.	US-PGPUB; USPAT	OR	ON	2004/06/25 16:21
S12	2	Watanabe-Kazuyo.in.	US-PGPUB; USPAT	OR	ON	2004/06/25 16:21
S13	0	oki.as. and (led with array with stagger)	US-PGPUB; USPAT	OR	ON	2004/06/25 16:22
S14	3	oki.as. and (led and stagger)	US-PGPUB; USPAT	OR	ON	2005/09/15 11:43
S15	36	S9 and stagger$2	US-PGPUB; USPAT	OR	ON	2004/06/25 17:37
S16	8	"5258629".URPN.	USPAT	OR	ON	2004/06/25 16:30
S17	7	("4605944" | "4707716" | "4721977" | "4951098" | "5134340" | "5138337" | "5138338").PN.	USPAT	OR	ON	2004/06/25 16:31
S18	7	"4707716".URPN.	USPAT	OR	ON	2004/06/25 16:32
S19	5	("3930912" | "3974514" | "4080617" | "4184170" | "4495514").PN.	USPAT	OR	ON	2004/06/25 16:32
S20	5	"4888603".URPN.	USPAT	OR	ON	2004/06/25 16:35
S21	2	("4763142" | "4797694").PN.	USPAT	OR	ON	2004/06/25 16:36
S22	14	"4575739".URPN.	USPAT	OR	ON	2004/06/25 16:39
S23	6	("4575739" | "4912491" | "5040003" | "5274394" | "5585836" | "5719680").PN.	USPAT	OR	ON	2004/06/25 16:49
S24	1	"6215511".URPN.	USPAT	OR	ON	2004/06/25 16:50
S25	5	("4675696" | "6042213" | "6215511" | "6312099" | "6426765").PN.	USPAT	OR	ON	2004/06/25 16:50
S26	273	S9 not S15	US-PGPUB; USPAT	OR	ON	2004/06/25 17:37
S27	7	("5357351" | "5517318" | "5717451" | "5812176" | "5920646" | "6014453" | "6025858" | "2001/0002139").PN.	USPAT	OR	ON	2004/06/25 17:42
S28	389	347/129.ccls. not (347/238.ccls. or 347/130.ccls.)	US-PGPUB; USPAT	OR	ON	2004/06/25 18:31
S29	132	347/233.ccls. not (347/129.ccls. or 347/238.ccls. or 347/130.ccls.)	US-PGPUB; USPAT	OR	ON	2004/06/25 18:31
S30	191	347/234.ccls. not (347/233.ccls. or 347/129.ccls. or 347/238.ccls. or 347/130.ccls.)	US-PGPUB; USPAT	OR	ON	2004/06/25 18:31
S31	671	(347/111-170.ccls. or 347/224-264.ccls.) and ((led or (light adj emit$4)) with head)	US-PGPUB; USPAT	OR	ON	2005/01/05 17:36

S32	16	S31 and seiko.as.	US-PGPUB; USPAT	OR	ON	2005/01/04 13:07
S33	92	(347/111-170.ccls. or 347/224-264.ccls.) and (((led or (light adj emit$4)) with head) same (stagger$2 or overlap$4 or deviat$4))	US-PGPUB; USPAT	OR	ON	2005/01/04 13:17
S34	320	(347/111-170.ccls. or 347/224-264.ccls.) and (((led or (light adj emit$4)) with head) and (stagger$2 or overlap$4 or deviat$4))	US-PGPUB; USPAT	OR	ON	2005/01/04 13:17
S35	228	S34 not S33	US-PGPUB; USPAT	OR	ON	2005/01/04 13:17
S36	14	("5274394").URPN.	USPAT	OR	ON	2005/01/04 13:19
S37	13	("4746941" | "4750010" | "4873537" | "4903048" | "5025322" | "5040003" | "5111217" | "5126759" | "5200765" | "5245355" | "5255013" | "5274394" | "5410414").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/04 13:26
S38	14	("5274394").URPN.	USPAT	OR	ON	2005/01/04 13:26
S39	7	("4435064" | "4525729" | "4571602" | "4575739" | "4589745" | "4897639" | "4952951").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/04 13:27
S40	7	("4589745").URPN.	USPAT	OR	ON	2005/01/04 15:50
S41	11	("4090206" | "4096486" | "4198158" | "4229086" | "4318597" | "4378149" | "4435064" | "4447126" | "4455100" | "4455562" | "4455578").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/04 15:51
S42	28	("4318597").URPN.	USPAT	OR	ON	2005/01/04 15:52
S43	7	("4589745").URPN.	USPAT	OR	ON	2005/01/05 17:18
S45	230	(347/111-170.ccls. or 347/224-264.ccls.) and ((led or (light adj emit$4)) with head) and ((driver or driving) adj (circuit or chip))	US-PGPUB; USPAT	OR	ON	2005/01/05 17:39
S46	71	S45 and (led adj chip)	US-PGPUB; USPAT	OR	ON	2005/01/05 17:43
S47	11	("4524372" | "4774634" | "4821051" | "4866108" | "5177500" | "5261156" | "5617131" | "5670826" | "5780162" | "6108210" | "6281450").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/05 18:00

S49	87	(347/129.ccls. or 347/130.ccls. or 347/233.ccls. or 347/234.ccls. or 347/238.ccls.) and @pd>="20040625"	US-PGPUB; USPAT	OR	ON	2005/01/06 11:50
S50	25	(US-20030117478-$ or US-20040090515-$).did. or (US-4318597-$ or US-4435064-$ or US-4524372-$ or US-4571602-$ or US-4575739-$ or US-4589745-$ or US-4707716-$ or US-4888603-$ or US-4900283-$ or US-4916530-$ or US-5235348-$ or US-5237347-$ or US-5258629-$ or US-5260718-$ or US-5274394-$ or US-5684620-$ or US-6002420-$ or US-6215511-$ or US-6246429-$ or US-6466245-$ or US-6525752-$ or US-6559879-$ or US-6563526-$).did.	US-PGPUB; USPAT	OR	ON	2005/09/14 15:46
S51	13	S50 and delay$2	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/14 15:46
S53	213	347/130.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/14 15:50
S54	499	347/129.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/14 15:51
S55	200	347/233.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/14 15:51
S56	252	347/234.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/14 15:51
S57	437	347/238.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/14 15:51
S58	166	347/132.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/14 15:51
S59	371	347/237.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/14 15:51
S60	342	347/247.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/14 15:51
S61	2095	(S53 or S54 or S55 or S56 or S57 or S58 or S59 or S60)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/14 15:52

S62	289	S61 and (delay$2 same (time or timing) same signal)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/14 15:52
S63	86	S62 and overlap$3	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/14 15:54
S64	203	S62 not S63	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/14 15:54
S65	213	347/130.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 11:27
S66	499	347/129.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 09:33
S67	200	347/233.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 09:33
S68	252	347/234.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 09:33
S69	437	347/238.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 09:33
S70	166	347/132.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 09:33
S71	371	347/237.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 09:33
S72	342	347/247.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 09:33
S73	2095	(S65 or S66 or S67 or S68 or S69 or S70 or S71 or S72)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 09:33
S74	289	S73 and (delay$2 same (time or timing) same signal)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 09:33
S75	86	S74 and overlap$3	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 09:53
S76	203	S74 not S75	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 09:33
S77	724	S73 and (image same density)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 09:54

S78	11205	347/111-170.ccls. or 347/224-264.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 09:53
S79	3105	S78 and (image same density)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 09:54
S81	4	Watanabe-Kazuyo.in.	US-PGPUB; USPAT	OR	ON	2005/09/15 10:05
S82	19	Matsushiro-Nobuhito.in.	US-PGPUB; USPAT	OR	ON	2005/09/15 10:05
S83	1	(S81 or S82) and (image same density same (non$1uniform$3 or ununiform$3))	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 09:58
S84	42	S73 and (image same density same (non$1uniform$3 or ununiform$3))	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 09:58
S85	151	S78 and (image same density same (non$1uniform$3 or ununiform$3))	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 10:36
S86	75	Matsushiro-Nobuhito.in.	EPO; JPO; DERWENT	OR	ON	2005/09/15 10:07
S87	4	S86 and density	EPO; JPO; DERWENT	OR	ON	2005/09/15 10:07
S88	16	Watabe-Kazuyo.in.	EPO; JPO; DERWENT	OR	ON	2005/09/15 10:09
S89	1	S88 and density	EPO; JPO; DERWENT	OR	ON	2005/09/15 10:09
S90	2	jp-2004082583-$.did.	EPO; JPO; DERWENT	OR	ON	2005/09/15 10:11
S91	7	("4589745").URPN.	USPAT	OR	ON	2005/09/15 10:17
S92	207	(led or (light adj emit$4)) same luminous$3 same (ununiform or non$1uniform or deviat$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 11:25
S93	2	S92 and S73	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 10:35
S94	2	S92 and S78 not S73	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 10:36
S95	109	S85 not S84	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 10:36
S97	2402	(led or (light adj emit$4)) same (ununiform or non$1uniform)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 10:52

S98	463	S97 and head	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 10:52
S99	66	S97 and ((print$3 or writ$3) with head)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 10:52
S100	51	(led or (light adj emit$4)) same luminous$3 same (ununiform or non$1uniform)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 11:26
S101	591	oki.as. and (led or (light adj emit$4))	US-PGPUB; USPAT	OR	ON	2005/09/15 11:43
S102	30	S101 and (non$1uniform$3 or ununiform$3)	US-PGPUB; USPAT	OR	ON	2005/09/15 12:17
S103	410	S66 not S65	US-PGPUB; USPAT	OR	ON	2005/09/15 12:25
S104	7	("5588072" | "5790165" | "6015385" | "6038342" | "6181825" | "6522350" | "6631207").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 12:19
S105	184	S67 not (S66 or S65)	US-PGPUB; USPAT	OR	ON	2005/09/15 12:29
S106	230	S68 not (S67 or S66 or S65)	US-PGPUB; USPAT	OR	ON	2005/09/15 13:25
S107	16	("5294944" | "6052205" | "6108501" | "6157797" | "6222566" | "6256461" | "6263178" | "6269228" | "6292641" | "6459816" | "6493011" | "6496677" | "6507674" | "6519052" | "6556707" | "6571071").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 12:48
S108	4	("5070345" | "5988790" | "6190001" | "6206502").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 12:51
S109	7	("4739416" | "4751522" | "4801950" | "4814886" | "4878063" | "5274394" | "5291248").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 12:53
S110	20	("5453777").URPN.	USPAT	OR	ON	2005/09/15 12:54
S111	344	S69 not (S68 or S67 or S66 or S65)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 13:33
S112	5	"4888603".URPN.	USPAT	OR	ON	2005/09/15 13:32
S113	130	S70 not (S69 or S68 or S67 or S66 or S65)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 13:36

| S114 | 245 | S71 not (S70 or S69 or S68 or S67 or S66 or S65) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/15 13:40 |
| S115 | 246 | S72 not (S71 or S70 or S69 or S68 or S67 or S66 or S65) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/15 13:40 |